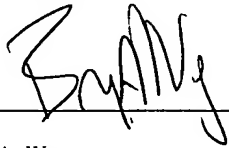


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				09548.1045USWO
				U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/594100
INTERNATIONAL APPLICATION NO. PCT/CN2005/000226	INTERNATIONAL FILING DATE February 25, 2005	PRIORITY DATE CLAIMED March 24, 2004		
TITLE OF INVENTION ALGIN OLIGOSACCHARIDES AND THE DERIVATIVES THEREOF AS WELL AS THE MANUFACTURE AND THE USE OF THE SAME (AS AMENDED)				
APPLICANT(S) FOR DO/EO/US GENG ET AL.				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An unsigned oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 				
Items 11. to 16. below concern document(s) or information included:				
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement; Form 1449, 10 references. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet (4 pages), 9 sheets of formal drawings, International Publication, Form PCT/ISA/210 				

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/594100		INTERNATIONAL APPLICATION NO. PCT/CN2005/000226		ATTORNEY'S DOCKET NUMBER 09548.1045USWO	
BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):					
<input checked="" type="checkbox"/> a) Basic National fee.....\$300				\$300	
<input checked="" type="checkbox"/> b) Examination fee.....\$200				\$200	
<input checked="" type="checkbox"/> c) Search fee.....\$400				\$400	
TOTAL OF ABOVE CALCULATIONS =				\$900	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional set of 50 sheets, more than 100 sheets	Rate		
22 -100 =	/50 =		X \$250	\$0	
Surcharge of \$130 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
	CLAIMS (AS AMENDED)	NUMBER EXTRA	RATE		
Total claims	10 -20 =		X \$50	\$0	
Independent claims	2 -3 =		X \$200	\$0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$900	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				- \$450	
SUBTOTAL =				\$450	
Processing fee of \$130 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$450	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+ \$	
TOTAL FEES ENCLOSED =				\$450	
				Amount to be:	
				refunded	\$
				charged	\$
<p>a. <input checked="" type="checkbox"/> Check(s) in the amount of <u>\$450</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge the amount of \$ to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO: Bryan A. Wong Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902 Minneapolis, MN 55402</p>					
				SIGNATURE:	
				NAME:	Bryan A. Wong
				REGISTRATION NUMBER:	50,836

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: GENG et al.
Attorney Docket: 09548.1045USWO
Title: ALGIN OLIGOSACCHARIDES AND THE DERIVATIVES
THEREOF AS WELL AS THE MANUFACTURE AND THE USE OF THE SAME (AS
AMENDED)

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 858800341US

Date of Deposit: September 25, 2006

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: Abbie Larkin

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

52835

PATENT TRADEMARK OFFICE

Commissioner:

The following papers are transmitted herewith:

- ☒ Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- ☒ National Stage Patent Application including: Description - 19 pages; 10 Claims - 2 pages; Abstract - 1 page; 9 formal drawing sheets
- ☒ Unsigned Combined Declaration and Power of Attorney;
- ☒ Application Data Sheet - 4 pages;
- ☒ Information Disclosure Statement; Form 1449; 10 references
- ☒ Claiming Small Entity
- ☒ Check(s) for the amount of \$450 to cover the filing fee calculated below;
- ☒ Other: Form PTO-1390, Preliminary Amendment, International Publication, Form PCT/ISA/210
- ☒ Return postcard

**CLAIMS AS AMENDED
SMALL ENTITY IS CLAIMED**

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	10	20	0	50	= 0
Independent Claims	2	3	0	200	= 0
Multiple Dependent Claims Fee					= 0
Basic Filing Fee					= 150
Search Fee					= 200
Examination Fee					= 100
Utility Application Size Fee	22	100	0	250	= 0
Total					= \$450

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.
P.O. Box 2902, Minneapolis, MN 55402-2902
612.455-3800

By: 

Name: Bryan A. Wong
Reg. No.: 50,836
Initials: BAW:rkW